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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

|                        |                  |
|------------------------|------------------|
| Application Number     | 08/586,594       |
| Filing Date            | 01/16/1996       |
| First Named Inventor   | Jeffrey Friedman |
| Art Unit               | 1646             |
| Examiner Name          | Eileen O'Hara    |
| Attorney Docket Number | 16454.0015       |

| ENCLOSURES (Check all that apply)                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached                                                               | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><input type="checkbox"/> Notice of Recordation of Assignment |
| <input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)               | <input type="checkbox"/> Extension of Time Request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/> Express Abandonment Request                                                                                                 | <input type="checkbox"/> Information Disclosure Statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Firm Name                                                                                                                                            | Steptoe & Johnson LLP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Signature                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Printed name                                                                                                                                         | Harold H. Fox                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Date                                                                                                                                                 | 3-27-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Reg. No. 41,498                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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| Signature             |  |      |
| Typed or printed name |  | Date |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Friedman et al.

Examiner : Eileen O'Hara

Serial No. : 08/586,594

Art Unit : 1646

Filed : January 16, 1996

Title : DB, THE RECEPTOR FOR LEPTIN, NUCLEIC ACIDS ENCODING THE RECEPTOR, AND USES THEREOF

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), The Rockefeller University certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment recorded at the Patent and Trademark Office on March 16, 2006, at Reel/Frame 017660/0249. A copy of this assignment is attached.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints the practitioners associated with:

**27890**

PTO Customer Number

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

Harold H. Fox at PTO Customer Number **27890**

Applicant : Friedman et al.  
Serial No. : 08/586,594  
Filing Date : January 16, 1996  
Page : 2 of 2

Attorney Docket No.: 16454.0015

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 17 March 2009

Kathleen A. Denis  
Name: KATHLEEN A. DENIS, Ph.D  
Title: ASSOCIATE VICE PRESIDENT  
TECHNOLOGY TRANSFER  
The Rockefeller University

Steptoe & Johnson LLP  
1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Telephone: 202-429-3000  
Facsimile: 202-429-3902



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 23, 2006

PTAS



DAVID A. JACKSON  
KLAUBER & JACKSON  
411 HACKENSACK AVENUE, 4TH FLOOR  
HACKENSACK, NEW JERSEY 07601

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JUN 05 2006

KLAUBER & JACKSON

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/16/2006

REEL/FRAME: 017660/0249  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 600-1-162 AND 162CP1

ASSIGNOR:

HOWARD HUGHES MEDICAL INSTITUTE

DOC DATE: 11/21/1997

ASSIGNEE:

ROCKEFELLER UNIVERSITY, THE  
1230 YORK AVENUE  
NEW YORK, NEW YORK 10021-6399

SERIAL NUMBER: 08586594

FILING DATE: 01/16/1996  
ISSUE DATE:

PATENT NUMBER:

TITLE: DB, THE RECEPTOR FOR LEPTIN

SERIAL NUMBER: 08599974

FILING DATE: 02/14/1996  
ISSUE DATE:

PATENT NUMBER:

TITLE: NUCLEIC ACIDS DB, THE RECEPTOR FOR LEPTIN

017660/0249 PAGE 2

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03-24-2006

FORM PTO-1595  
(Rev. 6/93)

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Patent and Trademark Office  
T  
Attorney Docket No. 600-1-162 and 162CP1

To the Assistant Commissioner for Patents

## 1. Name of conveying party(ies):

Howard Hughes Medical Institute

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name

Other: \_\_\_\_\_

Execution Date: November 21, 1997

## 2. Name and address of receiving party(ies):

Name: The Rockefeller University

Address: 1230 York Avenue

New York, New York 10021-6399

Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

08/586,594 and 08/599,974

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: DAVID A. JACKSON

Address: KLAUBER & JACKSON  
411 Hackensack Avenue, 4th Floor  
Hackensack, New Jersey 07601

6. Total number of applications and patents involved: 2 \_\_\_\_\_

7. Total fee (37 CFR 3.41): \$80.00

 Enclosed Authorized to be charged to deposit account, if necessary -  
for overages or underpayments only

## 8. Deposit account number:

11-1153

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

\_\_\_\_\_  
Signature  
Name of Person Signing1/22/98  
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

Assignment made November 21, 1997 by the Howard Hughes Medical Institute, a Delaware corporation, having a principal business address at 4000 Jones Bridge Road, Chevy Chase, MD 20815-6789 (the "Institute"), to The Rockefeller University, an education corporation organized and existing under the laws of the State of New York, with offices at 1230 York Avenue, New York, New York 10021-6399 ("Rockefeller").

### Recitals

WHEREAS, the Institute and Rockefeller collaborate in the active conduct of medical research pursuant to a Collaboration Agreement between them dated as of August 12, 1986 (the "Collaboration Agreement");

WHEREAS, pursuant to the Collaboration Agreement, the Institute has agreed to assign to Rockefeller the Institute's rights with respect to inventions, discoveries, improvements, and other intellectual property, whether patentable or copyrightable (each a "subject property"), conceived or reduced to practice in the course of the research program conducted under the Collaboration Agreement by employees of the Institute; and

WHEREAS, research conducted pursuant to the Collaboration Agreement by Jeffrey M. Friedman, M.D., Ph.D., Gwo-Hwa Lee, Ph.D. and Ricardo B. Proenca while employed by the Institute at Rockefeller has resulted in an invention entitled "DB, The Receptor for Leptin, Nucleic Acids Encoding the Receptor, and Uses Thereof" (the "Invention").

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by the Institute, the Institute agrees as follows:

1. Assignment. The Institute hereby assigns to Rockefeller any and all right, title, and interest of the Institute; any United States patent applications and all corresponding foreign patent applications, which are directed to the Invention (including, without limitation, the patent applications both entitled "DB, The Receptor For Leptin, Nucleic Acids Encoding The Receptor, And Uses Thereof," filed in the United States Patent and Trademark Office on January 16, 1996, assigned U.S. Serial No. 08/586,594 and on February 14, 1996, assigned U.S. Serial No. 08/599,974), and any and all patents issued therefrom; all United States or foreign divisions and continuations based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and are contained in continuation-in-part applications or in patents which issue therefrom; all in accordance with and subject to the provisions of the Collaboration Agreement (including, without limitation, Section 4.1 thereof); and further authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid to issue all Letters Patent for the Invention to Rockefeller.

2. Cooperation. The Institute agrees to execute upon request such further assignments, documents, and other instruments as may be necessary or desirable fully and completely to assign the Institute's interests in the Invention to Rockefeller and to assist Rockefeller in applying for, obtaining, and enforcing patents, copyrights, or other rights in the United States and in any foreign country with respect to any such Invention.

HOWARD HUGHES MEDICAL INSTITUTE

By: W. Maxwell Cowan

W. Maxwell Cowan, M.D., Ph.D.  
Vice President and Chief Scientific Officer

State of Maryland  
Montgomery County

Then personally appeared before me the above-named W. MAXWELL COWAN, known to me to be the Vice President and Chief Scientific Officer of the Howard Hughes Medical Institute, and acknowledged that he executed the foregoing instrument as the free act and deed of the Howard Hughes Medical Institute, and that he was authorized to execute said instrument, this 21<sup>st</sup> day of November, 1997.

Sharon F. Brickhill Notary Public

Sharon F. Brickhill (print name)

My commission expires 3/1/00

SHARON F. BRICKHILL  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires March 1, 2000